

# Work Order ID 82297

March-28-12 12:57:08 PM

**\*82297\***

Page 1

Item ID: D4434-043

Revision ID:

Item Name: Fwd inboard Bracket Assembly

Start Date: 28/03/2012 Start Qty: 10.00

Required Date: 11/04/2012 Req'd Qty: 10.00

Reference:

Accept

**\*N900040100\***

Setup Start **\*NS1\***

Stop **\*NS2\***

Cust Item ID:

Customer:

Approvals:

Process Plan: MCS

Date: 12/03/12

Tooling:

Date:

QC:

Date:

SPC (Y/N):

Date:

Run Start **\*NR1\***

Stop **\*NR2\***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
D4434	B								

100

**\*100\***

Waterjet

FLOW CNC Waterjet

6061 .410

FLOW WATER JET

Memo

1-Cut D4434-1 as per Dwg

Dwg Rev: B

Prog Rev: B

2-Deburr if necessary

0.00  
0.00  
10  
12-4-9.

110

**\*110\***

QC

Quality Control

QC2- Inspect parts off machine FAI/FAIB

Memo

0.00  
0.00  
10  
12-4-9.

H:\FORMS\Quality

**Dart Aerospace Ltd**

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_  
 Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

# Work Order ID 82297

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Item ID: D4434-043

Accept

**\*N900040100\***

Setup Start

**\*NS1\***

Revision ID:

Item Name: Fwd inboard Bracket Assembly

Stop

**\*NS2\***

Start Date: 28/03/2012 Start Qty: 10.00

**\*10\***

Cust Item ID:

Required Date: 11/04/2012 Req'd Qty: 10.00

**\*10\***

Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start

**\*NR1\***

QC:

Date:

SPC (Y/N):

Date:

Stop

**\*NR2\***

Sequence ID/  
Work Center ID

Operation  
Description

Set Up/  
Run Hours

Tool ID

Tool #

Plan  
Code

Accept  
Qty

Reject  
Qty

Reject  
Number

Insp.  
Stamp

160

Chemical Conversion Coat per QSI005 4.1

0.00

**\*160\***

HandFinish

Memo

0.00

Hand Finishing

⑩ 26 12-4-19 BR

170

QC7-Inspect Chemical Conversion Coat

0.00

**\*170\***

QC

Memo

0.00

Quality Control

10X  $\phi$  M/L 12/04/19

180

0.00

**\*180\***

Small Fab

Memo

0.00

Small Fab

1-C'sink as per dwg.

2-Assemble as per dwg. do not install grommets and rubber seal.

10  $\phi$  FF 12-06-21

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

# Work Order ID 82297

**\*82297\***

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Item ID: D4434-043 Accept **\*N900040100\*** Setup Start **\*NS1\***  
 Revision ID: Stop **\*NS2\***  
 Item Name: Fwd inboard Bracket Assembly  
 Start Date: 28/03/2012 Start Qty: 10.00 **\*10\*** Cust Item ID:  
 Required Date: 11/04/2012 Req'd Qty: 10.00 **\*10\*** Customer:  
 Reference:

Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_ Run Start **\*NR1\***  
 QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_ Stop **\*NR2\***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
185 <b>*185*</b> QC Quality Control	QC5- Inspect part completeness to step on W/O  Memo	0.00  0.00				10			W 12-08-21
190 <b>*190*</b> Powdercoat Powder Coating	Black Sandtex(Ref:4.3.5.7) per QSI005 4.3 <i>10/07/11</i> Memo *** MASK NUT PLATE HOLES PER DWG *** START TIME: <i>7:40</i> OVEN TEMPERATURE: <i>220°</i> FINISH TIME: <i>8:10</i>	0.00  0.00				10			12-6-20
200 <b>*200*</b> QC Quality Control	QC3- Inspect Part Finish  Memo	0.00  0.00				10			12/06/20

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

**\*82297\***

Page 5

**Accept**

**\*N900040100\***

Setup Start \*NS1\*

Stop \*NS2\*

**Cust Item ID:**

**Start Date:** 28/03/2012      **Start Qty:** 10.00

**\*10\***

**Customer:**

**Required Date:** 11/04/2012      **Req'd Qty:** 10.00

\*10\*

**Reference:**

Run Start \*NR1\*

**Approvals:**      **Process Plan:**

Date:

**Tooling:**

Date:

Stop \*NR2\*

**QC:**

Date:

**SPC (Y/N):**

**Date:**

**Insp.  
Stamp**

0.00

**\*202\***

0.00

### Small Fab

## Memo

## Small Fab

Install rubber seals and grommets.

3M 1300 batch: 1122306

205

QC5- Inspect part completeness to step on W/O

0.00

**\*205\***

0,00

QC

## Memo

## Quality Control

210

Identify as per dwg & Stock Location: G-A-

0.00

**\*210\***

0.00

### Packaging

## Memo

## Packaging

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries



**Work Order ID 82297**

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Item ID: D4434-043

Accept

**\*N900040100\***Setup Start **\*NS1\***

Revision ID:

Stop **\*NS2\***

Item Name: Fwd inboard Bracket Assembly

Start Date: 28/03/2012 Start Qty: 10.00

**\*10\***

Cust Item ID:

Required Date: 11/04/2012 Req'd Qty: 10.00

**\*10\***

Customer:

Reference:

Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_

Run Start **\*NR1\***

QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_

Stop **\*NR2\***Sequence ID/  
Work Center IDOperation  
DescriptionSet Up/  
Run Hours

Tool ID

Tool #

Plan  
CodeAccept  
QtyReject  
QtyReject  
NumberInsp.  
Stamp

220

QC21- Final Inspection - Work Order Release

0.00


**\*220\***

QC

Memo

0.00

Quality Control

12/10/15 

12-10-15

# Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

# Picklist Print

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Page 1

Work Order ID: 82297

\*82297\*

Parent Item: D4434-043

\*D4434-043\*

Parent Item Name: Fwd inboard Bracket Assembly

Start Date: 28/03/2012

Required Date: 11/04/2012

Start Qty: 10.00

Required Qty: 10.00

Comments: IPP revA 11.10.06 new issue EC verified by:DD IPP RevB  
11.12.22 per PA5 EC verified by:JLM IPP RevC 12.01.24  
per REV.A DD verified by:EC IPP RevD 12.03.05 per REV.B  
DD verified by:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	-------------	--------------	---------------	----------------	--------

M6061T6S.040

Purchased

No

100

sf

452.5000

2.5

26.31579

\*M6061T6S 040\*

6061-T6 .040 Sheet

\*\*12/4/5m 12-4-9.

Location

Loc Qty

Loc Code

MAT021

452.5

121030

164.5

121030

121099

288

D4434-9

Manufactured

No

180

Each

20.0000

1

10

\*D4434-9\*

Bracket

\*\*

10

FF 12-06-21

Location

Loc Qty

Loc Code

GA

83906

20

80674

132298

10

80675

10

4

D4435-041

Manufactured

No

180

Each

21.0000

1

10

\*D4435-041\*

Bracket Assembly

\*\*

SB 12/10/12

Location

Loc Qty

Loc Code

ST441

21

80676

10

80677

1

80678

10

B 82299  
B 83473

5  
5

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

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			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

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# Picklist Print

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Page 2

Work Order ID: 82297

\*82297\*

Parent Item: D4434-043

\*D4434-043\*

Parent Item Name: Fwd inboard Bracket Assembly

Start Date: 28/03/2012

Required Date: 11/04/2012

Start Qty: 10.00

Required Qty: 10.00

D4441-1 Manufactured No

202 f

182.6290 0.142 1.42

\*D4441-1\*

Rubber Seal

\*\*

(10) FF 12-10-12

## Location

## Loc Qty

## Loc Code

prelim

6.739

74760

6.739

ST413

175.89

79385

165.99

80763

9.9

1.42

Cut qty 1 to 1.7"

D4441-1

Manufactured No

f

182.6290

2.08

\*D4441-1\*

Rubber Seal

\*\*

(10) FF 12-10-12

## Location

## Loc Qty

## Loc Code

prelim

6.739

74760

6.739

ST413

175.89

79385

165.99

80763

9.9

2.08

Cut qty 1 to 2.5"

D4441-1

Manufactured No

f

182.6290

18.75

\*D4441-1\*

Rubber Seal

\*\*

(10) FF 12-10-12

## Location

## Loc Qty

## Loc Code

prelim

6.739

74760

6.739

ST413

175.89

79385

165.99

80763

9.9

18.75

Cut qty 1 to 22.5"

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Shop Packet Print

Page 2

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

# Picklist Print

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Page 3

Work Order ID: 82297

Parent Item: D4434-043

Parent Item Name: Fwd inboard Bracket Assembly

**\*82297\***  
**\*D4434-043\***

Start Date: 28/03/2012

Required Date: 11/04/2012

Start Qty: 10.00

Required Qty: 10.00

D4440-1 Manufactured No

202 Each 80.0000 1 10

**\*D4440-1\***

Grommet

\*\*

(10) FF 12-10-11

Location	Loc Qty	Loc Code
GA	77	
80645	77	10
prelim	2	
74759	2	
ST139F	1	
79372	1	

AN525-832R6

Purchased No

180 Each 343.0000 3 30

**\*AN525-832R6\***

Screw

\*\*

(10) FF 12-10-12

Location	Loc Qty	Loc Code
ST345	343	
120308	1	30
120560	342	

MS20426AD3-2

Purchased No

180 Each 18,319.00 12 120

**\*MS20426AD3-2\***

Rivet

\*\*

(10) FF 12-06-21

Location	Loc Qty	Loc Code
Mezz	18319	
1173	8919	
13276	9400	120
	1642	

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Shop Packet Print

Page 3

**Dart Aerospace Ltd**

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

**Part No:** \_\_\_\_\_ **PAR #:** \_\_\_\_\_ **Fault Category:** \_\_\_\_\_ **NCR:** Yes No **DQA:** \_\_\_\_\_ **Date:** \_\_\_\_\_  
**Resolution:** \_\_\_\_\_ **Disposition:** \_\_\_\_\_ **QA: N/C Closed:** \_\_\_\_\_ **Date:** \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries



# Picklist Print

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Work Order ID: 82297

Parent Item: D4434-043

Parent Item Name: Fwd inboard Bracket Assembly

\*82297\*

\*D4434-043\*

Start Date: 28/03/2012

Required Date: 11/04/2012

Start Qty: 10.00

Required Qty: 10.00

MS20426AD3-3

Purchased

No

180

Each

4,263.000

2

20

\*MS20426AD3-3\*

Rivet

\*\*

(10) FF 12-06-21

## Location

## Loc Qty

## Loc Code

ST316

4263

119109

828

121011

3000

19099

435

20

MS20470AD4-3

Purchased

No

180

Each

5,634.000

5

50

\*MS20470AD4-3\*

Rivet - Universal Head

\*\*

(10) FF 12-06-21

## Location

## Loc Qty

## Loc Code

Mezz

5634

1642

1000

2193

4634

50

MS21075L08

Purchased

No

180

Each

249.0000

7

70

\*MS21075L08\*

ANCHOR NUT

\*\*

(10) FF 12-06-21

## Location

## Loc Qty

## Loc Code

ST303

219

111578

2

120560

217

ST308

30

120930

30

70

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Shop Packet Print

Page 4

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

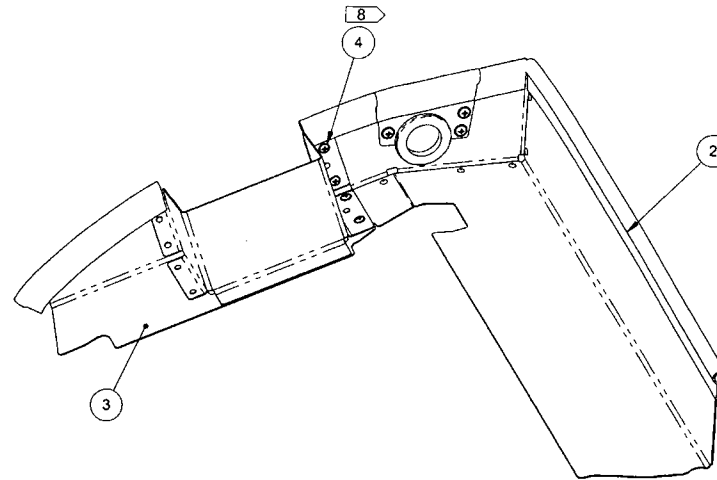
Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

ITEM	QTY -041	PART NUMBER	DESCRIPTION
1	X	D4434-041	FWD BRACKET ASSEMBLY
2	1	D4434-043	FWD INBOARD BRACKET ASSEMBLY
3	1	D4434-045	FWD OUTBOARD BRACKET ASSEMBLY
4	4	AN525-832R7	SCREW



SHOP COPY  
RETURN TO  
ENGINEERING  
UNCONTROLLED COPY  
SUBJECT TO AMENDMENT  
WITHOUT NOTICE  
WORK ORDER  
NO. 82297 *MLJ*  
*12/03/28*

RELEASED  
R 2012-05-02 *MLJ*

# **D4434-041 FWD BRACKET ASSEMBLY**

## **NOTES:**

- 1) MATERIAL: N/A
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY PER QSI 044 6.1
- 7) WEIGHT: 1.43 lbs
- 8) TORQUE SCREW TO 12-15 (in-lb)

B	RE-DESIGN D4434-9/-9F (ZN B5-14, A5-15)	RF	12.02.22
A	NEW ISSUE	RF	12.01.17
REV.	DESCRIPTION	BY	DATE
DESIGN	RF	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED	<i>MLJ</i>	DRAWING NO.	REV. B
MFG. APPR.	<i>BE</i>	<b>D4434</b>	SHEET 1 OF 15
APPROVED	<i>MLJ</i>	TITLE	SCALE
DE APPR.	<i>MLJ</i>	<b>COVER ASSEMBLY</b>	NTS
DATE	12.02.22	<small>COPYRIGHT © 2012 BY DART AEROSPACE LTD  THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS  NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT  WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small>	

# Dart Aerospace Ltd

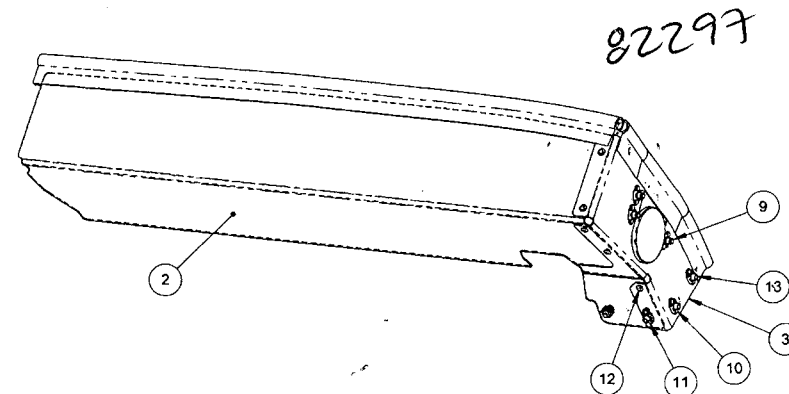
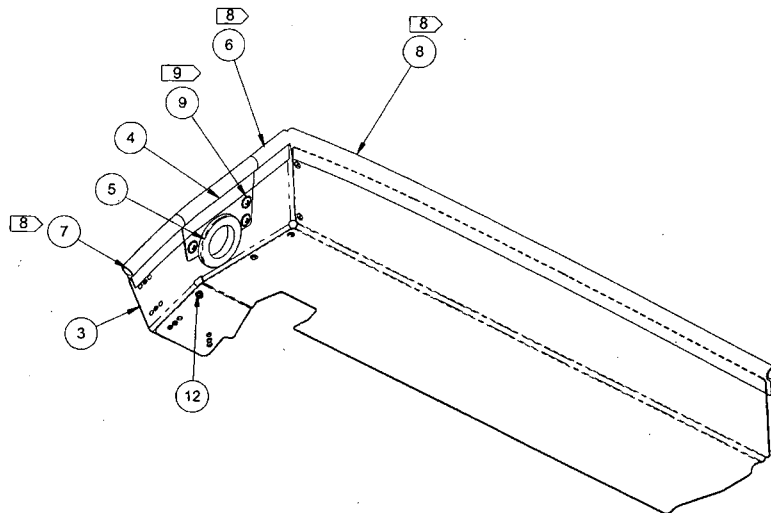
W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries




ITEM	QTY -043	PART NUMBER	DESCRIPTION
1	X	D4434-043	FWD INBOARD BRACKET ASSEMBLY
2	1	D4434-1	BRACKET
3	1	D4434-9	BRACKET
4	1	D4435-041	BRACKET ASSEMBLY
5	1	D4440-1	GROMMET
6	1	D4441-1-017	RUBBER SEAL
7	1	D4441-1-025	RUBBER SEAL
8	1	D4441-1-225	RUBBER SEAL
9	3	AN525-832R6	SCREW
10	12	MS20426AD3-3	RIVET
11	2	MS20426AD3-3	RIVET
12	5	MS20470AD4-3	RIVET
13	7	MS21075L08	NUT PLATE
14	A/R	3M 1300/1300L	ADHESIVE

# NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: POWDER COAT "BLACK SANDTEX" (4.3.5.7) PER DART QSI 005 4.3 MASK NUT PLATE HOLES
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 1.05 lbs
- 8) INSTALL RUBBER SEAL TO EDGE OF PART AFTER POWDER COAT USING 3M 1300/1300L ADHESIVE ENSURE BRACKET IS COMPLETELY INSERTED INTO GROOVE OF RUBBER SEAL IT IS ACCEPTABLE TO NOTCH THE SEAL AS REQUIRED TO PREVENT IT FROM BUCKLING
- 9) TORQUE SCREW TO 12-15 (in-lb)

## **D4434-043 FWD INBOARD BRACKET ASSEMBLY**

RELEASED  
2012-03-02

DESIGN	RF	<b>DART AEROSPACE LTD.</b>	
DRAWN	RF	HAWKESBURY, ONTARIO, CANADA	
CHECKED	160	DRAWING NO.	REV. B
MFG. APPR.	E	D4434	SHEET 2 OF 15
APPROVED	160	TITLE	SCALE
DE APPR.		COVER ASSEMBLY	NTS
DATE	12.02.22	COPYRIGHT © 2012 BY DART AEROSPACE LTD.	
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# Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

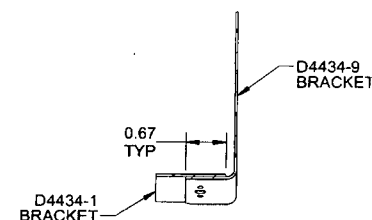
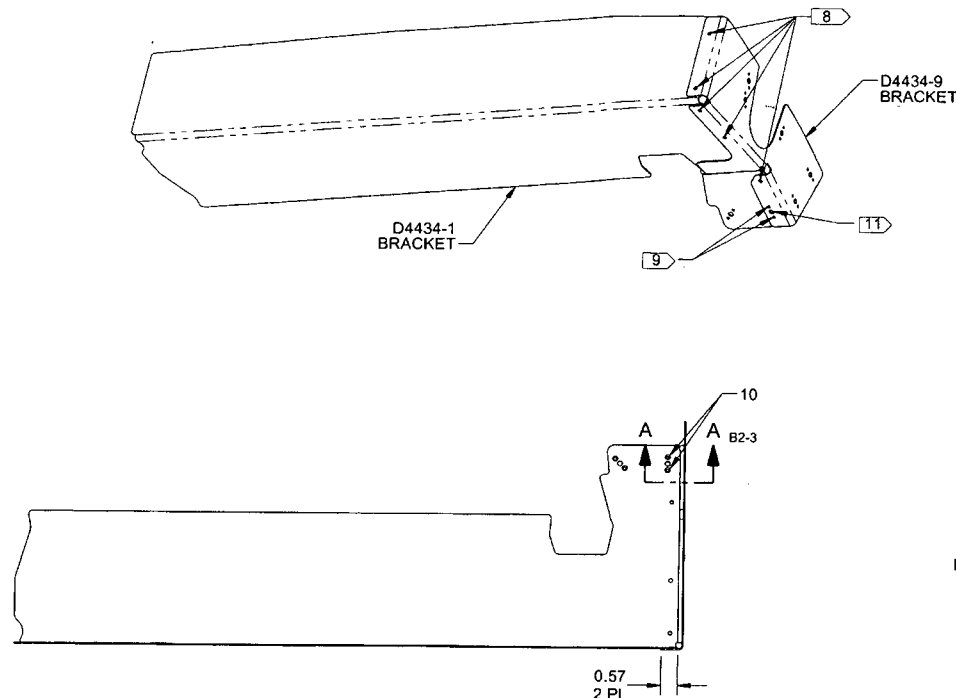
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Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

82297



SECTION A-A C4-3

RELEASED  
2012-03-02

NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 1.05 lbs
- 8) TRANSFER  $\phi 0.129$  HOLES THRU 5 PLACES FROM D4434-9 TO D4434-1
- 9) TRANSFER  $\phi 0.098$  HOLES THRU 2 PLACES FROM D4434-9 TO D4434-1
- 10) CSK  $\phi 0.179 \times 100^\circ$  ON THIS SIDE 2 PLACES
- 11) TRANSFER  $\phi 0.177$  HOLE THRU FROM D4434-9 TO D4434-1

**D4434-043 FWD INBOARD BRACKET ASSEMBLY**  
AUXILIARY VIEW

DESIGN	RF	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED	RF	DRAWING NO. <b>D4434</b>	REV. B
MFG. APPR.	RF	SHEET 3 OF 15	
APPROVED	RF	TITLE	SCALE
DE APPR.	RF	<b>COVER ASSEMBLY</b>	NTS
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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

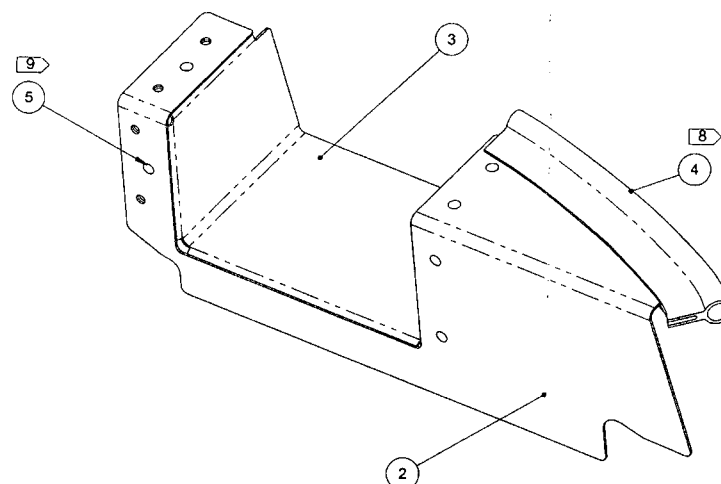
Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries



ITEM	QTY -045	PART NUMBER	DESCRIPTION
1	X	D4434-045	FWD OUTBOARD BRACKET ASSEMBLY
2	1	D4434-3	BRACKET
3	1	D4434-5	BRACKET
4	1	D4441-1-060	RUBBER SEAL
5	6	MS20426AD4-4	RIVET



**D4434-045 FWD OUTBOARD BRACKET ASSEMBLY**

02297  
**RELEASED**  
2012-03-02

**NOTES:**

- 1) MATERIAL: N/A
- 2) FINISH: POWDER COAT "BLACK SANDTEX" (4.3.5.7) PER DART QSI 005 4.3  
MASK NUT PLATE HOLES
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.365 lbs
- 8) INSTALL RUBBER SEAL TO EDGE OF PART AFTER POWDER COAT USING 3M 1300/1300L ADHESIVE  
ENSURE BRACKET IS COMPLETELY INSERTED INTO GROOVE OF RUBBER SEAL  
IT IS ACCEPTABLE TO NOTCH THE SEAL AS REQUIRED TO PREVENT IT FROM BUCKLING
- 9) TRANSFER  $\varnothing 0.129$  HOLE 6 PLACES AND CSK TO  $\varnothing 0.225 \times 100^\circ$

DESIGN	RF	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED	<i>RF</i>	DRAWING NO. <b>D4434</b>	REV. B
MFG. APPR.	<i>RF</i>		SHEET 4 OF 15
APPROVED	<i>RF</i>	TITLE <b>COVER ASSEMBLY</b>	SCALE NTS
DE APPR.	<i>RF</i>		
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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

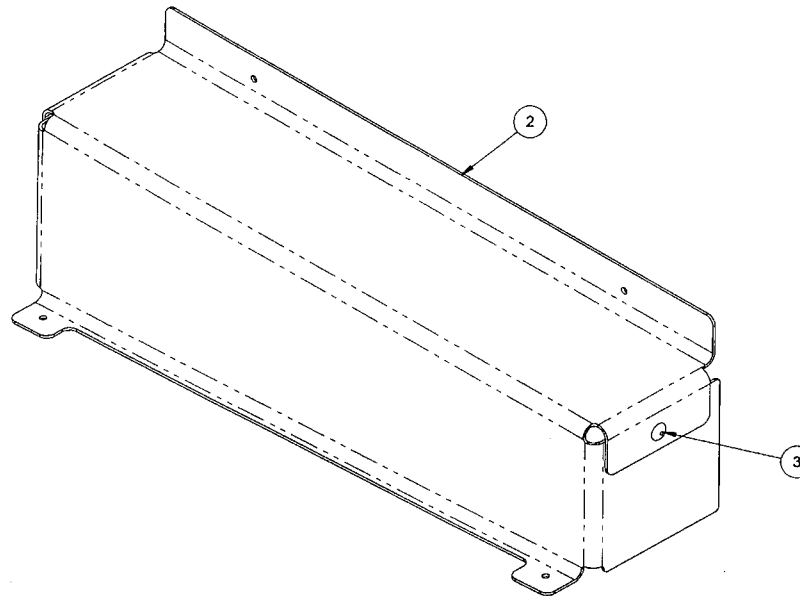
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Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

ITEM	QTY -047	PART NUMBER	DESCRIPTION
1	X	D4434-047	COVER ASSEMBLY
2	1	D4434-7	BRACKET
3	2	MS20470AD4-3	RIVET



**D4434-047 COVER ASSEMBLY**

RELEASED  
2012-03-02  
MM

**NOTES:**

- 1) MATERIAL: N/A
- 2) FINISH: POWDER COAT "BLACK SANDEXT" (4.3.5.7) PER DART QSI 005 4.3
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY PER QSI 044 6.1
- 7) WEIGHT: 0.263 lbs

DESIGN	RF	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED	ME	DRAWING NO. <b>D4434</b>	REV. B
MFG. APPR.	EE		SHEET 5 OF 15
APPROVED	ME	TITLE	SCALE
DE APPR.	ME	<b>COVER ASSEMBLY</b>	NTS
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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

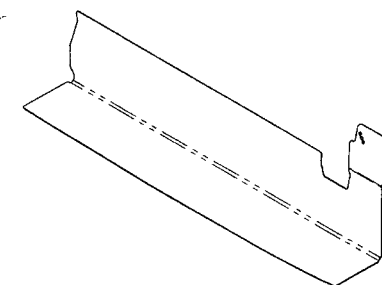
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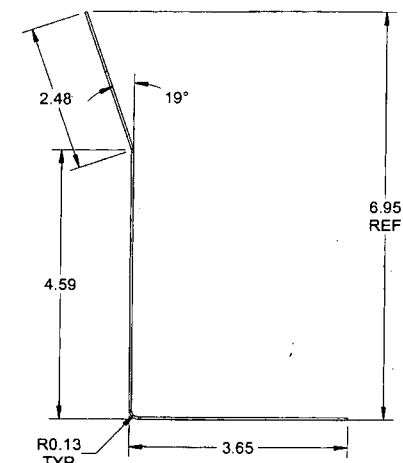
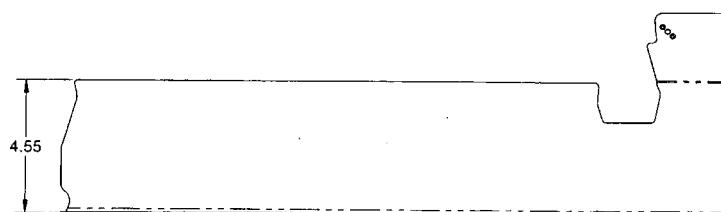
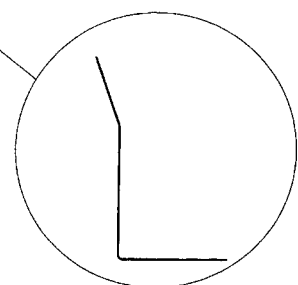
NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

82297



B  
B2-6



**D4434-1 BRACKET**

**DETAIL B** C8-6  
SCALE 2X

RELEASED  
2012-03-02

**NOTES:**

- 1) MATERIAL: MAKE FROM D4434-1F FLAT PATTERN
- 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.70 lbs

DESIGN	RF	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED	MP	DRAWING NO. <b>D4434</b>	REV. B
MFG. APPR.	BE		SHEET 6 OF 15
APPROVED	MP	TITLE <b>COVER ASSEMBLY</b>	SCALE NTS
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**Dart Aerospace Ltd**

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

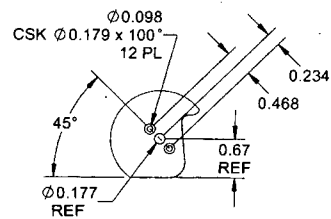
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Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

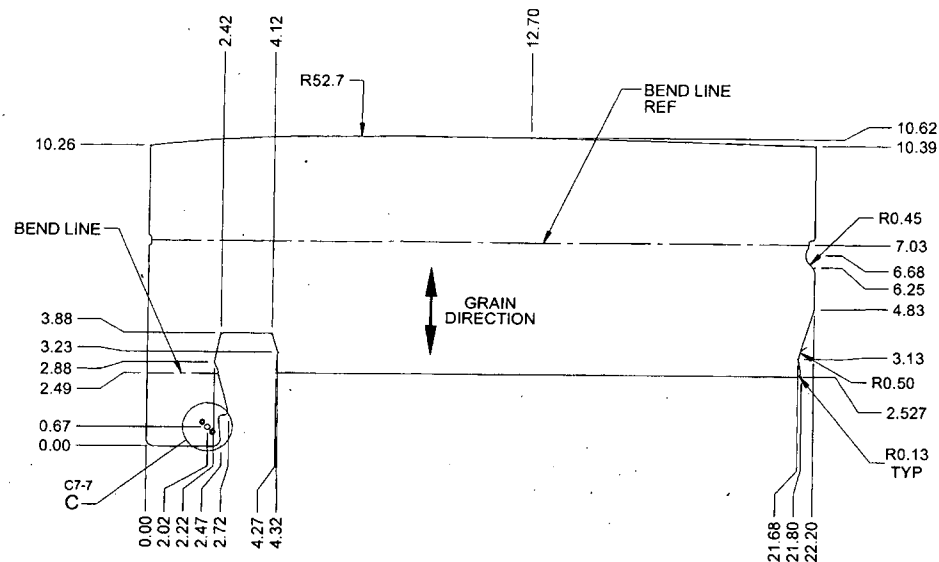
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DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

82297



**DETAIL C**  
SCALE 2X  
B6-7



**D4434-1F FLAT PATTERN**

RELEASED  
2012-03-02  
JMP

**NOTES:**

- 1) MATERIAL: 6061-T6/T62 ALUMINUM SHEET 0.040 THICK  
PER QQ-A-250/11 OR AMS-QQ-A-250/11  
OR AMS 4025 OR AMS 4027  
OR ASTM B209  
REF DART SPEC. M6061T6S.040
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.70 lbs

DESIGN	RF	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED	<i>[Signature]</i>	DRAWING NO. <b>D4434</b>	REV. B
MFG. APPR.	<i>[Signature]</i>	SHEET 7 OF 15	
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.	<i>[Signature]</i>	<b>COVER ASSEMBLY</b>	
DATE	12.02.22	NTS	

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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

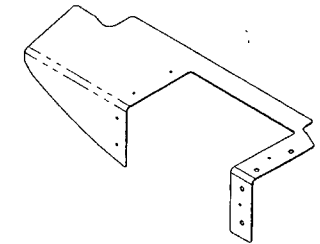
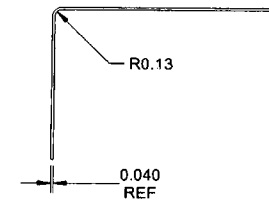
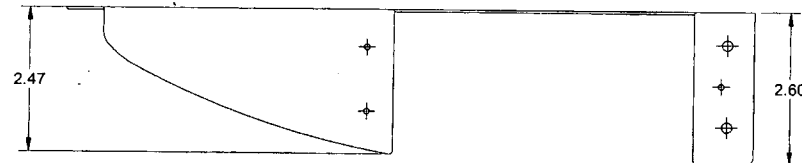
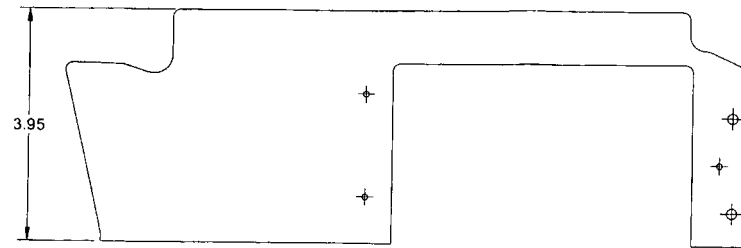
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Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries





82297

# **D4434-3 BRACKET**

## **NOTES:**

- 1) MATERIAL: MAKE FROM D4434-3F FLAT PATTERN
- 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.14 lbs

DESIGN	RF	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED	<i>[Signature]</i>	DRAWING NO. <b>D4434</b>	REV. B
MFG. APPR.	<i>[Signature]</i>	SHEET 8 OF 15	
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.	<i>[Signature]</i>	<b>COVER ASSEMBLY</b>	NTS
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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

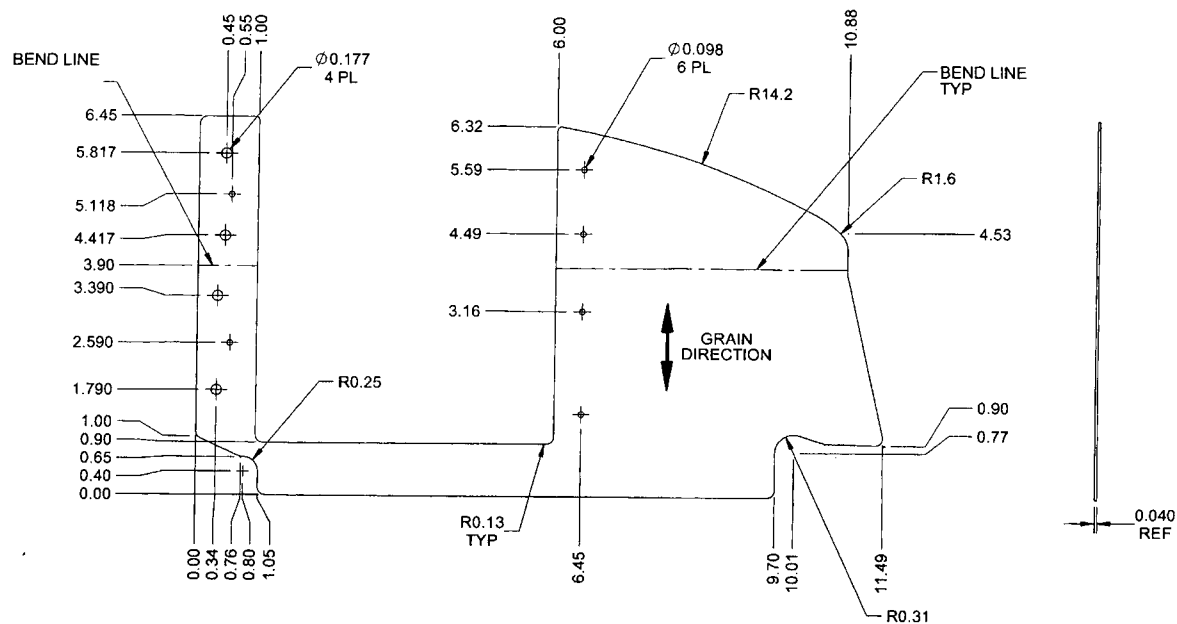
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Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

82297



**D4434-3F FLAT PATTERN**

RELEASED  
2012-03-02

**NOTES:**

- 1) MATERIAL: 6061-T6/T62 ALUMINUM SHEET 0.040 THICK  
PER QQ-A-250/11 OR AMS-QQ-A-250/11  
OR AMS 4025 OR AMS 4027  
OR ASTM B209  
REF DART SPEC. M6061T6S.040
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.14 lbs

DESIGN	RF	<b>DART AEROSPACE LTD</b>	
DRAWN	RF	HAWKESBURY, ONTARIO, CANADA	
CHECKED	<i>MP</i>	DRAWING NO.	REV. B
MFG. APPR.	<i>EE</i>	<b>D4434</b>	SHEET 9 OF 15
APPROVED	<i>MP</i>	TITLE	SCALE
DE APPR.	<i>MP</i>	<b>COVER ASSEMBLY</b>	NTS
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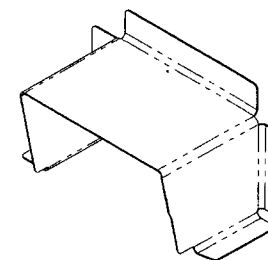
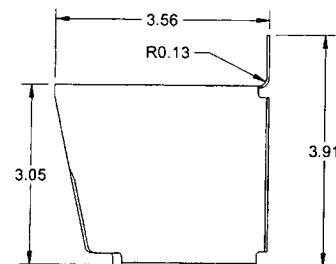
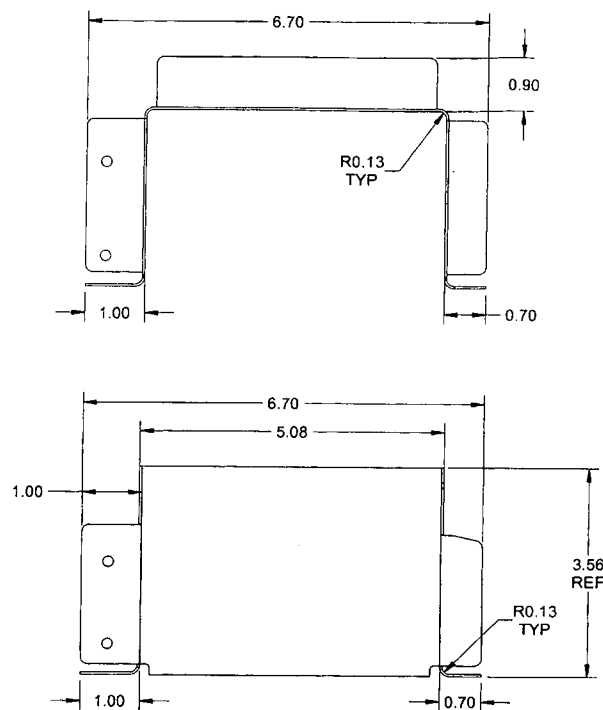
W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries



82297

**D4434-5 BRACKET**

RELEASED  
2012-03-02

**NOTES:**

- 1) MATERIAL: MAKE FROM D4434-5F FLAT PATTERN
- 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.19 lbs

DESIGN	RF	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED	<i>RF</i>	DRAWING NO. <b>D4434</b>	REV. B
MFG. APPR.	<i>BE</i>		SHEET 10 OF 15
APPROVED	<i>RF</i>	TITLE	SCALE
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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

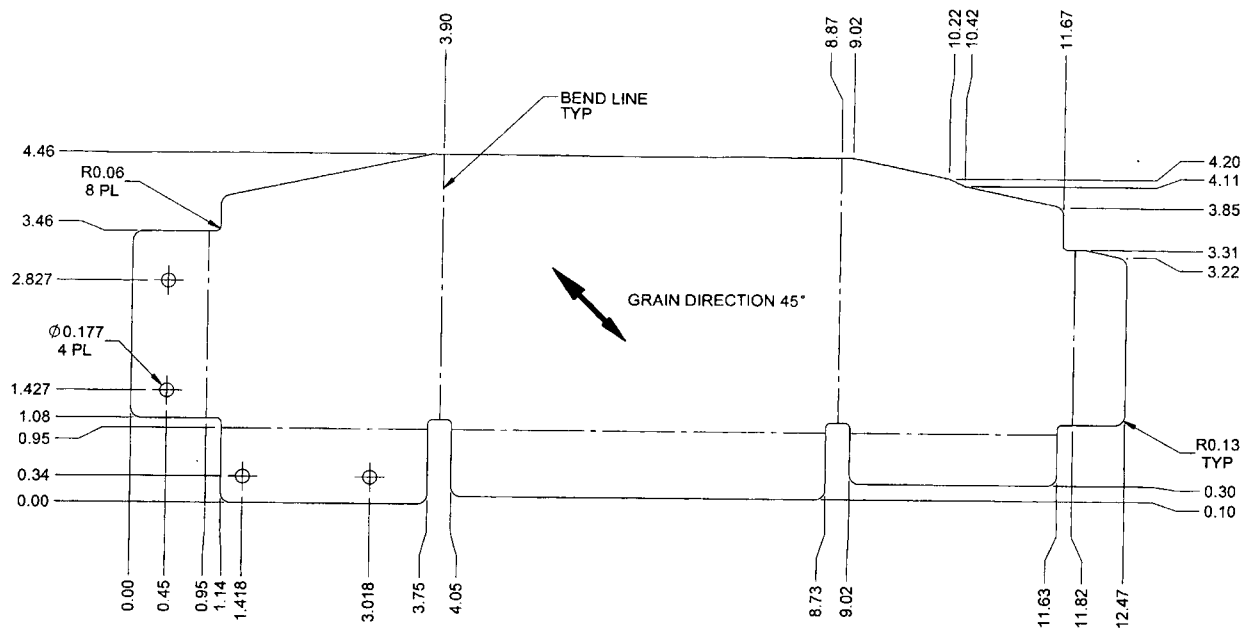
Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

82297



# **D4434-5F FLAT PATTERN**

## **NOTES:**

- 1) MATERIAL: 6061-T6/T62 ALUMINUM SHEET 0.040 THICK  
PER QQ-A-250/11 OR AMS-QQ-A-250/11  
OR AMS 4025 OR AMS 4027  
OR ASTM B209  
REF DART SPEC. M6061T6S.040
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.19 lbs

DESIGN	RF	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED	RF	DRAWING NO.	REV. B
MFG. APPR.	RF	<b>D4434</b>	SHEET 11 OF 15
APPROVED	RF	TITLE	SCALE
DE APPR.	RF	<b>COVER ASSEMBLY</b>	NTS
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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

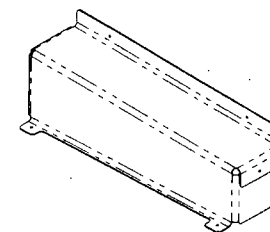
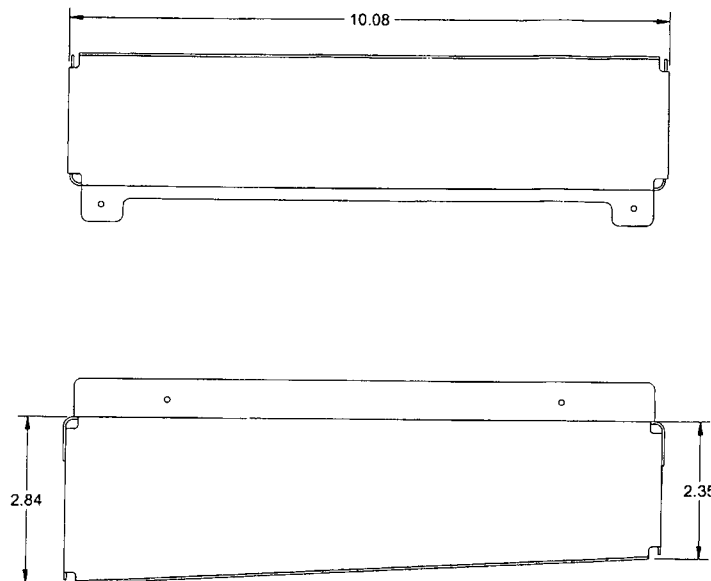
Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

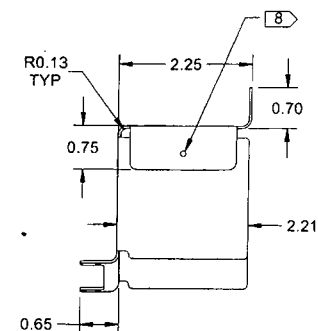
NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries





82298



# **D4434-7 BRACKET**

RELEASED  
2012-03-02

## **NOTES:**

- 1) MATERIAL: MAKE FROM D4434-7F FLAT PATTERN
- 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.26 lbs
- 8) TRANSFER  $\varnothing 0.129$  HOLE THRU 2 PLACES

DESIGN	RF	<b>DART AEROSPACE LTD</b>	
DRAWN	RF	HAWKESBURY, ONTARIO, CANADA	
CHECKED	<i>[Signature]</i>	DRAWING NO.	REV. B
MFG. APPR.	<i>[Signature]</i>	<b>D4434</b>	SHEET 12 OF 15
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.	<i>[Signature]</i>	<b>COVER ASSEMBLY</b>	NTS
DATE	<b>12.02.22</b>	<small>COPYRIGHT © 2012 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small>	

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

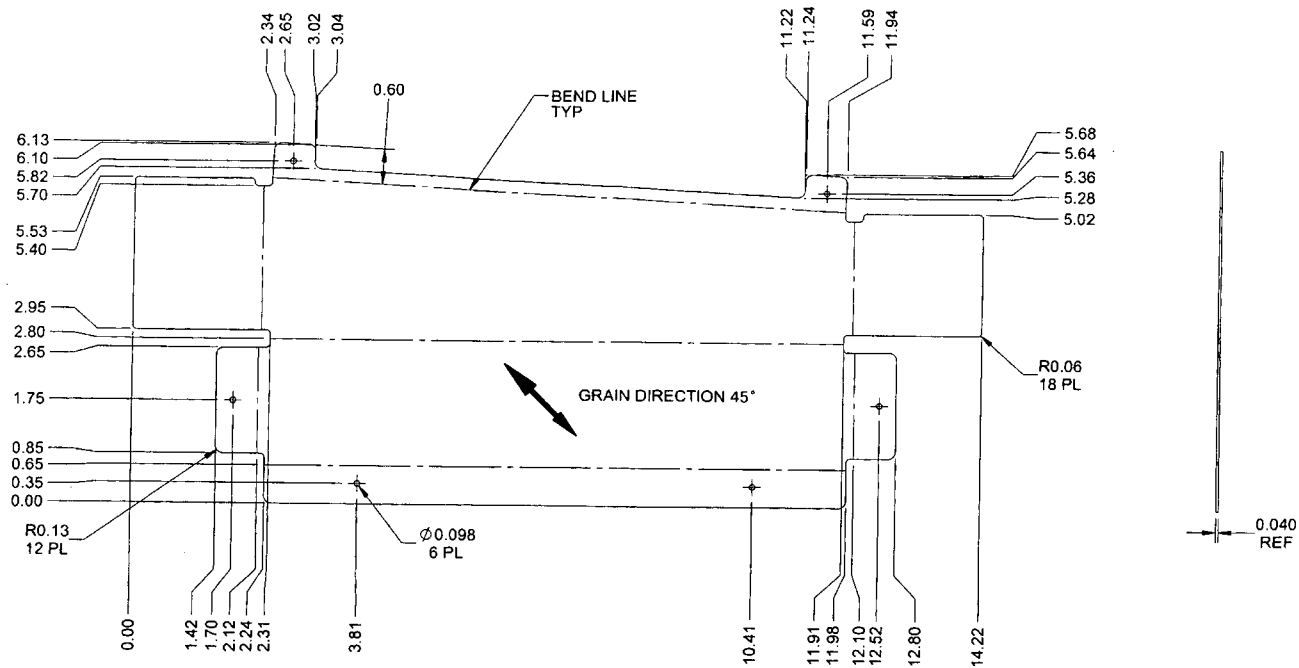
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Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

22297



**D4434-7F FLAT PATTERN**

RELEASED  
2012-03-08  
JW

**NOTES:**

- 1) MATERIAL: 6061-T6/T62 ALUMINUM SHEET 0.040 THICK  
PER QQ-A-250/11 OR AMS-QQ-A-250/11  
OR AMS 4025 OR AMS 4027  
OR ASTM B209  
REF DART SPEC. M6061T6S.040
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.26 lbs

DESIGN	RF	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED	160	DRAWING NO. <b>D4434</b>	REV. B
MFG. APPR.	BE	SHEET 13 OF 15	
APPROVED	169	TITLE	SCALE
DE APPR.	CH	<b>COVER ASSEMBLY</b>	NTS
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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

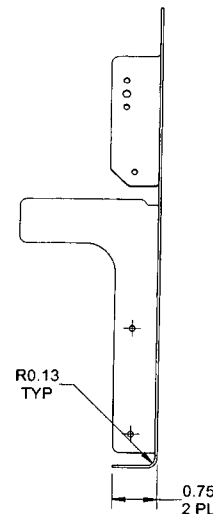
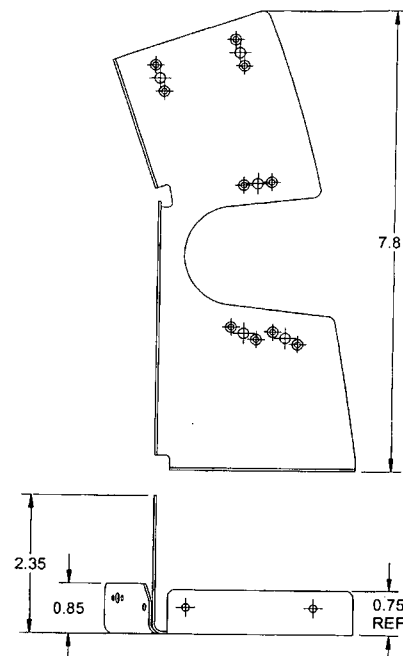
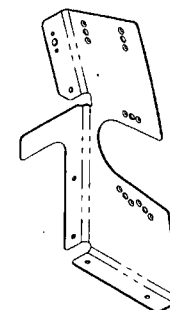
Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

82297



**D4434-9 BRACKET**

RELEASED  
2012-03-03  
MM

- NOTES:**
- 1) MATERIAL: MAKE FROM D4434-9F FLAT PATTERN
  - 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
  - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
  - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
  - 6) IDENTIFICATION: N/A
  - 7) WEIGHT: 0.10 lbs

DESIGN	RF	<b>DART AEROSPACE LTD</b>	
DRAWN	RF	HAWKESBURY, ONTARIO, CANADA	
CHECKED	RF	DRAWING NO. <b>D4434</b>	REV. B
MFG. APPR.	RF	SHEET 14 OF 15	
APPROVED	RF	TITLE	SCALE
DE APPR.	RF	<b>COVER ASSEMBLY</b>	NTS
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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries



W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries



DART AEROSPACE LTD		Work Order: 82297
Description: Fwd Inboard Bracket Assembly		Part Number: 04434-043
Inspection Dwg:	Rev: B	Page 1 of 1

### FIRST ARTICLE INSPECTION CHECKLIST

☒ First Article ☒ Prototype

Drawing Dimension	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection	Comments
0.098	+0.005/-0.001	0.103	✓		Vern	HB-02
0.177	+0.005/-0.001	0.181	✓		Vern	HB-02
0.234	+/- 0.010	0.233	✓		Vern	HB-02
0.468	<del>0.466</del> +/- 0.010	0.368	✓		Vern	HB-02
0.67	+/- 0.030	0.665	✓		Vern	HB-02
2.49	<del>2.497</del> +/- 0.030	2.497	✓		Vern	HB-02
2.88	+/- 0.030	2.883	✓		Vern	HB-02
3.23	+/- 0.030	3.234	✓		Vern	HB-02
3.88	+/- 0.030	3.889	✓		Vern	HB-02
10.26	+/- 0.030	10.256	✓		Vern	Prod-W-J-02
2.02	+/- 0.030	2.024	✓		Vern	HB-02
2.22	+/- 0.030	2.231	✓		Vern	HB-02
2.47	+/- 0.030	2.466	✓		Vern	HB-02
2.72	+/- 0.030	2.706	✓		Vern	HB-02
4.27	+/- 0.030	4.268	✓		Vern	HB-02
4.32	+/- 0.030	4.321	✓		Vern	HB-02
21.68	+/- 0.030	21.68	✓		MT	HB-01
21.80	+/- 0.030	21.80	✓		MT	HB-01
22.20	+/- 0.030	22.20	✓		MT	HB-01
10.62	+/- 0.030	10.623	✓		Vern	Prod-W-J-02
10.39	+/- 0.030	10.394	✓		Vern	Prod-W-J-02
7.03	+/- 0.030	7.035	✓		Vern	Prod-W-J-02
6.68	+/- 0.030	6.673	✓		Vern	Prod-W-J-02

Measured by: JM - <i>[Signature]</i>	Audited by: S	Prototype Approval:
Date: 12-4-10	Date: 17/10/15	Date:

Rev	Date	Change	Revised by	Approved
A		New Issue	KJ/JLM	